

PUBLIC HEALTH REPORTS

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No. 6.

ESTABLISHMENTS LICENSED FOR THE PROPAGATION AND SALE OF VIRUSES, SERUMS, TOXINS, AND ANALOGOUS PRODUCTS.

The following table contains a list of the establishments holding on February 1, 1911, licenses issued by the Treasury Department in accordance with the act of Congress approved July 1, 1902, entitled "An act to regulate the sale of viruses, serums, toxins, and analogous products in the District of Columbia, to regulate interstate traffic in said articles, and for other purposes."

The number of the license of each firm is also given, together with the names of the several products for which licenses have been granted.

No. of license.	Establishments.	Products.
1	Parke, Davis & Co., Detroit, Mich.....	Diphtheria antitoxin, antigonococcic serum, antistreptococcic serum, antitetanic serum, antitubercle serum, bacterial vaccines, erysipelas and prodigious toxines (Coley), tuberculins, and vaccine virus.
2	H. K. Mulford Co., Philadelphia, Pa.....	Diphtheria antitoxin, antidysenteric serum, antigonococcic serum, antimeningococcic serum, antipneumonic serum, antistreptococcic serum, antitetanic serum, tuberculins, bacterial vaccines, vaccine virus, and normal horse serum.
3	Dr. H. M. Alexander & Co., Marietta, Pa....	Diphtheria antitoxin, antirabic virus, tuberculins, and vaccine virus.
5	Fluid Vaccine Co., Milwaukee, Wis.....	Vaccine virus.
8	The Cutter Laboratory, Berkeley, Cal.....	Diphtheria antitoxin, antistreptococcic serum, tuberculins, bacterial vaccines, and vaccine virus.
9	Frederick Stearns & Co., Detroit, Mich.....	Diphtheria antitoxin, streptolytic serum, and pneumolytic serum.
11	Pasteur Institute of Paris, Paris, France...	Antidiphtheric serum, antidysenteric serum, antimeningococcic serum, antiplague serum, antistreptococcic serum, and serum antivenimeux.
14	Health department of the city of New York.	Diphtheria antitoxin and antitetanic serum.
15	Dr. W. R. Hubbert Serum Laboratory, Detroit, Mich.	Diphtheria antitoxin.
16	National Vaccine and Antitoxin Institute, Washington, D. C.	Diphtheria antitoxin, antigonococcic vaccine, antistaphylococcic vaccine, antistreptococcic vaccine, vaccine virus, and normal horse serum.
17	Lederle Antitoxin Laboratories, New York City.	Diphtheria antitoxin, antistreptococcic serum, antitetanic serum, suspension of lactic acid bacilli, and vaccine virus.
18	Burroughs, Wellcome & Co., London, England.	Diphtheria antitoxin, antigonococcic serum, antidysenteric serum, anticolon-bacillus serum, antistaphylococcic serum, antistreptococcic serum, antityphoid serum, tuberculins, and bacterial vaccines.

No. of li- cense.	Establishments.	Products.
19	Memorial Institute for Infectious Diseases, Chicago, Ill.	Diphtheria antitoxin.
21	Swiss Serum and Vaccine Institute, Berne, Switzerland.	Antidiphtheric serum, antidyenteric serum, anti-meningococcic serum, antipneumonic serum, anti-plague serum, antistreptococcic serum, tubercullins, anticholera vaccine, antiplague vaccine, and anti-typhoid vaccine.
22	Institut Bacteriologique de Lyon, Lyons, France.	Antidiphtheric serum and normal goat serum.
23	Bacterio-Therapeutic Laboratory, Asheville, N. C.	Tubercullins.
24	Farbwerke, vormals Meister Lucius und Brüning, Hoechst-on-Main, Germany.	Antidiphtheric serum, antidyenteric serum, anti-meningococcic serum, antipneumonic serum, antistreptococcic serum, antitetanic serum, and tubercullins.
25	Tubercullin Society of St. Petersburg, St. Petersburg, Russia.	Tuberculinum purum.
27	Institut Pasteur de Lille, Lille, France.....	Sérum antivenimeux.
28	Bacteriologisches Institut Lingner, Dresden, Germany.	Pyocyanase.
29	The Behringwerk, Marburg, Germany.....	Antitetanic serum and tubercullin.
30	Dr. G. H. Sherman, Detroit, Mich.....	Bacterial vaccines.
31	E. Merck, Darmstadt, Germany.....	Antidiphtheric serum, antimeningococcic serum, anti-pneumonic serum, antistreptococcic serum, normal horse serum (dried) and normal horse serum.
32	Kalle & Co., Biebrich, Germany.....	Tubercullin (Rosenbach).
33	American Biologic Co., Kansas City, Mo...	Antirabic virus.

UNITED STATES.

REPORTS TO THE SURGEON GENERAL, PUBLIC HEALTH AND MARINE-HOSPITAL SERVICE.

PLAGUE-PREVENTION WORK.

INFECTED GROUND SQUIRREL.

During the week ended January 21, 1911, the finding of 1 plague-infected ground squirrel was reported. The squirrel was found January 15 in Alameda County, Cal., at S. Quigley ranch, 5 miles east of Haywards.

DISTRIBUTION OF POISON.

In connection with the making of a squirrel-free zone around the cities in California on San Francisco Bay, 100 acres of land in Alameda County were covered with poison during the week ended January 21, 1911.

Record of Plague Infection.

Places.	Date of last case of human plague.	Date of last case of rat plague.	Date of last case of squirrel plague.	Total number of rodents found infected since May, 1907.
California:				
Cities—				
San Francisco.....	Jan. 30, 1908.....	Oct. 23, 1908.....	None.....	398 rats.
Oakland.....	Oct. 26, 1909.....	Dec. 1, 1908.....	do.....	126 rats.
Berkeley.....	Aug. 28, 1907.....	None recorded.....	do.....	None.
Los Angeles.....	Aug. 11, 1908.....	None.....	Aug. 21, 1908.....	1 squirrel.
Counties—				
Alameda (exclusive of the city of Oakland).	Sept. 26, 1909.....	Wood rat, Oct. 17, 1909.....	Jan. 15, 1911.....	90 squirrels.
Contra Costa.....	July 21, 1908.....	None.....	Sept. 10, 1910.....	1 wood rat.
Merced.....	None recorded.....	do.....	June 6, 1910.....	247 squirrels.
Monterey.....	do.....	do.....	do.....	2 squirrels.
San Benito.....	June 5, 1910.....	do.....	July 11, 1910.....	4 squirrels.
San Joaquin.....	None recorded.....	do.....	Jan. 9, 1911.....	20 squirrels.
San Luis Obispo.....	do.....	do.....	Jan. 29, 1910.....	11 squirrels.
Santa Clara.....	Aug. 23, 1910.....	do.....	Oct. 5, 1910.....	1 squirrel.
Santa Cruz.....	None recorded.....	do.....	May 17, 1910.....	23 squirrels.
Stanislaus.....	do.....	do.....	May 21, 1910.....	3 squirrels.
Washington:				
Seattle.....	Oct. 30, 1907.....	Feb. 8, 1910.....	None.....	5 squirrels.
				22 rats.

Rats Collected and Examined for Plague Infection.

Places.	Week ended—	Found dead.	Total collected.	Examined.	Found infected.
California:					
Cities—					
Berkeley.....	Jan. 21		¹ 113	81	
Oakland.....	do.	11	² 650	573	
San Francisco.....	do.	28	³ 1,766	1,336	
Counties—					
Kern.....	do.		⁴ 1	1	
Los Angeles.....	do.		⁵ 8	6	
San Joaquin.....	do.		⁶ 3	3	
Washington:					
Cities—					
Seattle.....	do.		911	781	
Total.....		39	2,541	2,000	

¹ Identified, *Mus norvegicus* 87, *Mus musculus* 26.² Identified, *Mus norvegicus* 582, *Mus rattus* 2, *Mus musculus* 66.³ Identified, *Mus norvegicus* 1,134, *Mus rattus* 210, *Mus musculus* 334, *Mus alexandrinus* 97.⁴ Identified, *Mus musculus* 1.⁵ Identified, *Mus norvegicus* 6, *Mus musculus* 2.⁶ Identified, *Mus norvegicus* 3.

Squirrels Collected and Examined for Plague Infection.

Places.	Week ended—	Trapped and shot.	Found dead.	Examined.	Found infected.
California:					
Counties—					
Alameda.....	Jan 21...	184		184	1
Fresno.....	do.	77		77	
Kern.....	do.	13		12	
Kings.....	do.	18		18	
Los Angeles.....	do.	333		311	
Mariposa.....	do.	178		178	
Merced.....	do.	370		367	
Monterey.....	do.	491	5	489	
San Joaquin.....	do.	209		207	
San Luis Obispo.....	do.	376	4	377	
San Mateo.....	do.	38		38	
Santa Clara.....	do.	86		86	
Stanislaus.....	do.	122	2	124	
Yolo.....	do.	4		4	
Total.....		1,499	11	2,472	1

Other Animals Collected and Examined.

Places.	Week ended—	Animals collected.	Examined.	Found infected.
California:				
Cities—				
San Francisco.....	Jan 21...	1 gopher.....	1	
Counties—				
Alameda.....	do.	3 rabbits.....	3	
Fresno.....	do.	1 chipmunk, 5 rabbits, 1 owl.....	7	
Kern.....	do.	3 kangaroo rats.....	3	
Mariposa.....	do.	7 rabbits.....	7	
Merced.....	do.	4 rabbits.....	4	
Monterey.....	do.	1 chipmunk.....	1	
San Joaquin.....	do.	20 rabbits, 1 gopher.....	21	
San Luis Obispo.....	do.	1 chipmunk, 3 rabbits.....	4	
San Mateo.....	do.	1 rabbit.....	1	
Santa Clara.....	do.	27 gophers.....	27	
Stanislaus.....	do.	5 rabbits.....	5	
Yolo.....	do.	12 gophers, 6 rabbits.....	18	
Total.....			102	

SMALLPOX IN THE UNITED STATES.

In the following tables the States indicated by an asterisk are those from which reports of smallpox are received only from certain city, and in some cases county, boards of health. In these States, therefore, the recorded cases and deaths should not be taken as showing the general prevalence of the disease. In the States not marked by an asterisk the reports are received monthly from the State boards of health and include all cases reported throughout the State.

Reports Received During Week Ended February 10, 1911.

Places.	Date.	Cases.	Deaths.	Remarks.
*Alabama:				
Montgomery.....	Jan. 22-28.....	2		
District of Columbia.....	Jan. 15-21.....	2		
California:				
County—				
Alameda.....	Dec. 1-31.....	3		
Imperial.....	Dec. 1-31.....	1		
Humboldt.....	Dec. 1-31.....	1		
Kern.....	Dec. 1-31.....	1		
Los Angeles.....	Dec. 1-31.....	1		
San Diego.....	Dec. 1-31.....	15		
San Francisco.....	Dec. 1-31.....	4		
San Joaquin.....	Dec. 1-31.....	2		
Total for State.....		28		
Florida:				
County—				
Alachua.....	Jan. 22-28.....	10		
Duval.....	Jan. 21-28.....	15		
Gadsden.....	Jan. 22-28.....	15		
Jackson.....	Jan. 22-28.....	4		
Lake.....	Jan. 22-28.....	6		
Lee.....	Jan. 22-28.....	5		
St. Johns.....	Jan. 22-28.....	1		
Taylor.....	Jan. 22-28.....	23		
Volusia.....	Jan. 22-28.....	8		
Total for State.....		87		
Iowa:				
County—				
Jefferson.....			1	Year 1910, in delinquent report received after Jan. 1, 1911.
*Kentucky:				
Paducah.....	Jan. 23-29.....	4		
Louisiana:				
New Orleans.....	Jan. 22-28.....	14		
Minnesota:				
County—				
Beltrami.....	Jan. 10-16.....	1		
Hennepin.....	Jan. 3-30.....	29		
Kandiyohi.....	Jan. 24-30.....	1		
Koochiching.....	Jan. 2-23.....	5		
Lac qui Parle.....	Jan. 10-16.....	1		
Murray.....	Jan. 17-23.....	3		
Norman.....	Jan. 3-30.....	10		
Olmstead.....	Jan. 10-16.....	1		
Pipestone.....	Jan. 10-16.....	3		
Pope.....	Jan. 3-9.....	3		
Ramsey.....	Jan. 3-16.....	22		
Sibley.....	Jan. 10-16.....	1		
Todd.....	Jan. 3-30.....	8		
Wadena.....	Dec. 26-Jan. 2.....	2		
Winona.....	Jan. 17-23.....	1		
Total for State.....		91		
*Missouri:				
St. Louis.....	Jan. 22-28.....	1	1	
*Tennessee:				
Chattanooga.....	Jan. 22-28.....	2		
Knoxville.....	Jan. 22-28.....	1		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received During Week Ended February 10, 1911.

Place.	Date.	Cases.	Deaths.	Remarks.
Texas:				
County—				
Cameron.....	Dec. 1-31.....	20		
Dallas.....	Dec. 1-31.....	24		
Hidalgo.....	Dec. 1-31.....	1		
Marion.....	Dec. 1-31.....	3		
McLennan.....	Dec. 1-31.....	2		
Swisher.....	Dec. 1-31.....	2		
Tarrant.....	Dec. 1-31.....	1		
Total for State.....		53		

Reports Received from December 31, 1910, to February 3, 1911.

[For reports received from June 25, 1910, to Dec. 30, 1910, see Public Health Reports for Dec. 30, 1910. In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

Place.	Date.	Cases.	Deaths.	Remarks.
*Alabama:				
Montgomery.....	Dec. 11-Jan. 21....	6		
Colorado:				
County—				
Adams.....	Dec. 1-31.....	1		
Arapahoe.....	Dec. 1-31.....	1		
Archuleta.....	Dec. 1-31.....	2		
Boulder.....	Dec. 1-31.....	8		
Conejos.....	Dec. 1-31.....	2		
Denver.....	Dec. 1-31.....	50		
El Paso.....	Dec. 1-31.....	1		
Fremont.....	Dec. 1-31.....	3		
Grand.....	Dec. 1-31.....	2		
Huerfano.....	Dec. 1-31.....	13		
Jefferson.....	Dec. 1-31.....	5		
La Plata.....	Dec. 1-31.....	6		
Las Animas.....	Dec. 1-31.....	3		
Montezuma.....	Dec. 1-31.....	1		
Morgan.....	Dec. 1-31.....	1		
Pueblo.....	Dec. 1-31.....	2		
Saguache.....	Dec. 1-31.....	3		
Total for State.....		104		
Connecticut.....	Dec. 1-31.....			No cases.
Florida:				
County—				
Alachua.....	Dec. 18-Jan. 21....	24	1	
Baker.....	Jan. 8-14.....	1		
Bradford.....	Jan. 16-21.....	2		
Citrus.....	Jan. 8-14.....	1		
Dade.....	Dec. 25-31.....	1		
Duval.....	Jan. 1-21.....	27	1	
Escambia.....	Jan. 1-21.....	5		
Franklin.....	Jan. 8-21.....	4		
Gadsden.....	Dec. 18-Jan. 21....	22		
Hillsboro.....	Dec. 25-Jan. 21....	40		
Jackson.....	Dec. 25-Jan. 21....	32		
Lafayette.....	Jan. 16-21.....	1		
Lee.....	Jan. 8-14.....	1		
Leon.....	Dec. 18-Jan. 21....	52	1	
Madison.....	Dec. 18-Jan. 21....	19		
Nassau.....	Jan. 16-21.....	2		
Orange.....	Jan. 16-21.....	1		
Osceola.....	Dec. 18-24.....	1		
Polk.....	Dec. 18-Jan. 21....	5		
Santa Rosa.....	Jan. 8-14.....	1		
Suwanee.....	Jan. 16-21.....	1		
Taylor.....	Jan. 8-21.....	108		
Walton.....	Dec. 25-31.....	1		
Washington.....	Jan. 8-14.....	4		
Total for State.....		356	3	

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from December 31, 1910, to February 3, 1911.

Place.	Date.	Cases.	Deaths.	Remarks.
Indiana:				
County—				
Dekalb.....		5		
Elkhart.....	Dec. 1-31.....	5		
Howard.....	Dec. 1-31.....	1		
Madison.....	Dec. 1-31.....	32		
Montgomery.....	Dec. 1-31.....	1		
Total for State.....		44		
Iowa:				
County—				
Buena Vista.....	Dec. 1-31.....	1		
Lee.....	Dec. 1-31.....	1		
Linn.....	Dec. 1-31.....	18		
Lyon.....	Dec. 1-31.....	3		
Marshall.....	Dec. 1-31.....	1		
Page.....	Dec. 1-31.....	19	1	
Polk.....	Dec. 1-31.....	3		
Scott.....	Dec. 1-31.....	1		
Taylor.....	Dec. 1-31.....	64		
Warren.....	Dec. 1-31.....	1		
Webster.....	Dec. 1-31.....	10		
Woodbury.....	Dec. 1-31.....	4		
Total for State.....		126	1	
* Kansas:				
County—				
Pawnee.....	Nov. 1-30.....	1		Not previously reported. Do.
Reno.....	Nov. 1-30.....	1		
Total for State.....		2		
Louisiana:				
County—				
Ascension.....	Dec. 1-31.....	1		
East Baton Rouge.....	Dec. 1-31.....	25		
East Feliciana.....	Dec. 1-31.....	30		
Iberville.....	Dec. 1-31.....	6		
Orleans—				
New Orleans.....	Dec. 18-Jan. 21.....	74	1	
Rapides.....	Dec. 1-31.....	1		
St. Charles.....	Dec. 1-31.....	4		
St. John.....	Dec. 1-31.....	1		
Tangipahoa.....	Nov. 1-Dec. 31.....	22		
Tensas.....	Dec. 1-31.....	9		
Washington.....	Dec. 1-31.....	1		
Total for State.....		174	1	
Maine (entire State).....				
Dec. 1-31.....				No cases.
Maryland (entire State).....				
Dec. 1-31.....				Do.
Massachusetts.....				
Dec. 1-31.....				Do.
Michigan:				
County—				
Alcona.....	Dec. 1-31.....	1		
Alger.....	Dec. 1-31.....	1		
Arenac.....	Dec. 1-31.....	5		
Bay.....	Dec. 1-31.....	1		
Calhoun.....	Dec. 1-31.....	8		
Charlevoix.....	Dec. 1-31.....	1		
Cheboygan.....	Dec. 1-31.....	17		
Clinton.....	Dec. 1-31.....	3		
Crawford.....	Dec. 1-31.....	4		
Eaton.....	Dec. 1-31.....	3		
Genesee.....	Dec. 1-31.....	4		
Gladwin.....	Dec. 1-31.....		1	Cases reported in November.
Grand Traverse.....	Dec. 1-31.....	1		
Gratiot.....	Dec. 1-31.....	1		
Ingham.....	Dec. 1-31.....	2		
Isabella.....	Dec. 1-31.....	1		
Kalamazoo.....	Dec. 1-31.....	5		
Keweenaw.....	Dec. 1-31.....	7		
Lake.....	Dec. 1-21.....	3		
Lapeer.....	Dec. 1-31.....	1		
Marquette.....	Dec. 1-31.....	7		
Midland.....	Dec. 1-31.....	3		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from December 31, 1910, to February 3, 1911.

Place.	Date.	Cases.	Deaths.	Remarks.
Michigan—Continued.				
County—Continued.				
Missaukee.....	Dec. 1-31.....	3	2	
Monroe.....	Dec. 1-31.....	2		
Presque Isle.....	Dec. 1-31.....	1		
Saginaw.....	Dec. 1-31.....	3	3	
St. Clair.....	Dec. 1-31.....	1		
Washtenaw.....	Dec. 1-31.....	2		
Wayne.....	Dec. 1-31.....	1		
Wexford.....	Dec. 1-31.....	5		
Total for State.....		97	4	
Minnesota:				
County—				
Beltrami.....	Dec. 19-25.....	1		
Bigstone.....	Dec. 26-Jan. 1.....	1		
Blue Earth.....	Dec. 19-25.....	1		
Douglas.....	Dec. 5-Jan. 1.....	3		
Fillmore.....	Nov. 27-Dec. 4.....	1		
Hennepin.....	Dec. 3-11.....	3		
Koochiching.....	Dec. 5-25.....	6		
Le Sueur.....	Dec. 26-Jan. 1.....	3		
Nobles.....	Dec. 5-25.....	3		
Norman.....	Dec. 12-Jan. 1.....	6		
Ramsey.....	Dec. 5-Jan. 1.....	64		
St. Louis.....	Nov. 27-Dec. 4.....	8		
Sibley.....	Dec. 26-Jan. 1.....	1		
Todd.....	Dec. 5-25.....	14		
Wabasha.....	Dec. 26-Jan. 1.....	1		
Total for State.....		116		
*Missouri:				
County—				
Kansas City.....	Nov. 1-Dec. 31.....	77		
St. Louis.....	Dec. 18-Jan. 14.....	9		
Total for State.....		86		
Montana:				
County—				
Cascade.....	Dec. 1-31.....	3		
Custer.....	Dec. 1-31.....	1		
Dawson.....	Nov. 1-30.....	1		
Deerlodge—				
Anaconda.....	Nov. 1-30.....	9		
Ravalli.....	Dec. 1-31.....	3		
Silverbow, exclusive of	Nov. 1-Dec. 31.....	24		
Butte—				
Butte.....	Nov. 1-Dec. 31.....	26		
Total for State.....		67		
New Jersey:				
County—				
Bergen.....	Dec. 1-31.....	2		
New York:				
County—				
Allegany.....	Nov. 1-30.....	1		
Tioga.....	Dec. 1-31.....	1		
Tompkins.....	Nov. 1-30.....	1		
Total for State.....		3		
North Carolina:				
County—				
Beaufort.....	Dec. 1-31.....	20		
Bladen.....	Nov. 1-Dec. 31.....	13		
Brunswick.....	Dec. 1-31.....	9		
Carteret.....	Nov. 1-Dec. 31.....	4		
Chatham.....	Dec. 1-31.....	5		
Columbus.....	Nov. 1-Dec. 31.....	46		
Cumberland.....	Nov. 1-Dec. 31.....	15		
Duplin.....	Dec. 1-31.....	20		
Durham.....	Nov. 1-Dec. 31.....	340		
Edgecombe.....	Nov. 4-Dec. 31.....	5		
Franklin.....	Nov. 1-30.....	1		
Granville.....	Dec. 1-31.....	1		
Henderson.....	Dec. 1-31.....	1		
Hertford.....	Dec. 1-31.....	1		

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from December 31, 1910, to February 3, 1911.

Place.	Date.	Cases.	Deaths.	Remarks.
North Carolina—Continued.				
County—Continued.				
Johnston.....	Dec. 1-31.....	3		
Lee.....	Dec. 1-31.....	3		
Martin.....	Nov. 1-Dec. 31.....	17		
Nash.....	Nov. 1-30.....	6		
New Hanover.....	Nov. 1-Dec. 31.....	278		
Onslow.....	Dec. 1-31.....	30		
Pasquotank.....	Nov. 1-30.....	1		
Pender.....	Nov. 1-Dec. 31.....	27		
Pitt.....	Nov. 1-Dec. 31.....	18		
Robeson.....	Nov. 1-Dec. 31.....	115		
Rowan.....	Dec. 1-31.....	1		
Sampson.....	Dec. 1-31.....	1		
Union.....	Nov. 1-30.....	1		
Wake.....	Nov. 1-30.....	1		
Wayne.....	Dec. 1-31.....	1		
Total for State.....		984		
North Dakota:				
County—				
Cass.....	Dec. 1-31.....	1		
Morton.....	Dec. 1-31.....	1		
Steele.....	Dec. 1-31.....	5		
Total for State.....		7		
Ohio:				
County—				
Franklin.....	Dec. 1-31.....	7		
Hamilton.....	Dec. 1-31.....	2		
Lorain.....	Dec. 1-31.....	2		
Portage.....	Dec. 1-31.....	1		
Total for State.....		12		
Oklahoma:				
County—				
Adair.....	Nov. 1-30.....	1		
Beckham.....	Nov. 1-30.....	8		
Blaine.....	Nov. 1-30.....	1		
Bryan.....	Nov. 1-30.....	10		
Caddo.....	Nov. 1-30.....	3		
Canadian.....	Nov. 1-30.....	1		
Grady.....	Nov. 1-30.....	2	1	
Green.....	Nov. 1-30.....	1		
Hughes.....	Nov. 1-30.....	2		
McIntosh.....	Nov. 1-30.....	9		
Marshall.....	Nov. 1-30.....	8		
Tulsa.....	Nov. 1-30.....	1		
Washita.....	Nov. 1-30.....	1		
Total for State.....		48	1	
Pennsylvania, entire State.....				
	Oct. 1-31.....			No cases.
	Nov. 1-30.....	1		
South Carolina:				
Camden.....	Jan. 15-21.....	1		
* Tennessee:				
County—				
Davidson—				
Nashville.....	Jan. 8-14.....	1		
Hamilton—				
Chattanooga.....	Jan. 1-14.....	3		
Shelby.....	Nov. 1-Dec. 31.....	43	1	
Total for State.....		47	1	
Texas:				
County—				
Cameron.....	Nov. 1-30.....	15		
Grimes.....	Nov. 1-30.....	4		
Henderson.....	Nov. 1-30.....	3		
McLennan.....	Nov. 1-30.....	2		
Van Zant—				
Willis Point.....	Nov. 1-30.....	4	1	
Total for State.....		28	1	

SMALLPOX IN THE UNITED STATES—Continued.

Reports Received from December 31, 1910 to February 3, 1911.

Place.	Date.	Cases.	Deaths.	Remarks.
Utah:				
County—				
Beaver.....	Nov. 1-Dec. 31....	86		
Cache.....	Nov. 1-30.....	8		
Davis.....	Dec. 1-31.....	2		
Iron.....	Nov. 1-Dec. 31....	62		
Juab.....	Nov. 1-30.....	5		
Millard.....	Nov. 1-Dec. 31....	11		
Salt Lake.....	Nov. 1-Dec. 31....	42		
Sanpete.....	Dec. 1-31.....	1		
Sevier.....	Dec. 1-31.....	30		
Washington.....	Nov. 1-Dec. 31....	47		
Weber.....	Nov. 1-Dec. 31....	9		
Total for State.....		303		
Washington:				
County—				
Skagit.....	Nov. 1-30.....	40		
Spokane.....	Nov. 1-30.....	1		
Total for State.....		41		
Wisconsin:				
County—				
Chippewa.....	Dec. 1-31.....	3		
Dunn.....	Dec. 1-31.....	4		
Iowa.....	Dec. 1-31.....	22		
Jefferson.....	Dec. 1-31.....	6		
Lafayette.....	Dec. 1-31.....	5		
La Crosse.....	Dec. 1-31.....	1		
Milwaukee.....	Dec. 1-31.....	5		
Oneida.....	Dec. 1-31.....	1		
St. Croix.....	Dec. 1-31.....	1		
Vilas.....	Dec. 1-31.....	1		
Washington.....	Dec. 1-31.....	1		
Total for State.....		50		
Grand total for the United States.....		2,705	12	

MORBIDITY AND MORTALITY.

MORBIDITY AND MORTALITY TABLE, CITIES OF THE UNITED STATES, FOR WEEK ENDED JANUARY 21, 1911.

Cities.	Popula- tion, United States census, 1910.	Total deaths from all causes.	Diph- theria.		Measles.		Scarlet fever.		Small- pox.		Tuber- culosis.		Ty- phoid fever.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
<i>Cities having over 500,000 inhabitants.</i>														
Baltimore, Md.....	558,485	241	17	2	91	2	28	.....	.....	.....	35	27	15	1
Boston, Mass.....	670,585	243	51	4	68	2	45	4	.....	.....	44	25	4	.....
Chicago, Ill.....	2,185,283	747	143	18	121	2	178	18	5	.....	161	73	12	4
Cleveland, Ohio.....	560,663	149	36	4	14	1	67	7	1	.....	34	13	10	.....
New York, N. Y.....	4,766,883	1,515	326	36	319	11	460	12	.....	.....	545	161	21	5
Philadelphia, Pa.....	1,549,008	561	96	9	440	17	41	8	2	.....	128	52	19	7
Pittsburg, Pa.....	533,905	157	23	1	10	1	34	2	.....	.....	29	13	22	2
St. Louis, Mo.....	687,029	284	37	1	259	5	93	5	3	.....	49	21	12	.....
<i>Cities having from 300,000 to 500,000 inhabitants.</i>														
Buffalo, N. Y.....	423,715	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cincinnati, Ohio.....	364,463	122	11	1	15	.....	35	.....	.....	.....	28	17	2	.....
Detroit, Mich.....	465,766	138	18	1	22	3	.....	.....	.....	.....	.....	.....	.....	.....
Los Angeles, Cal.....	319,198	133	7	1	7	.....	18	.....	.....	.....	17	24	1	.....

MORBIDITY AND MORTALITY—Continued.

Weekly morbidity and mortality table, cities of the United States, for week ended
January 21—Continued.

Cities.	Popula- tion, United States, census 1910.	Total deaths, from all causes.	Diph- theria.		Measles.		Scarlet fever.		Small- pox.		Tuber- culosis.		Ty- phoid fever.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Cities having from 380,000 to 500,000 inhabitants—Continued.														
Milwaukee, Wis.	373,857	100	23	4	3		47	1	1		15	6	9	1
Newark, N. J.	347,469	106	20	1			34	1			15	16	1	
New Orleans, La.	339,075	127	12		49		16		16		26	16	6	2
San Francisco, Cal.	416,912	154	15	1	8		20	2	6		18	16	3	4
Washington, D. C.	331,069	129	12	2	13		6		2		28	19	5	1
Cities having from 200,000 to 300,000 inhabitants.														
Jersey City, N. J.	267,779	87	10		60		8	1			2	7		
Providence, R. I.	224,326	61	13	2			18	1			5	7	1	1
Seattle, Wash.	237,194	53	4	1	90		2		4		11	7		
Cities having from 100,000 to 200,000 inhabitants.														
Bridgeport, Conn.	102,054	23	1				1				3	1		
Cambridge, Mass.	104,839	30	4	1	30		4				8	8	1	
Columbus, Ohio.	181,548	54	2		1				2		5	10		1
Dayton, Ohio.	116,577	46	2		2		1					3	1	1
Fall River, Mass.	119,295	32	6		1	1	4				6	3		
Grand Rapids, Mich.	112,571	42	3	1	193	1	13	1			2	1	5	1
Lowell, Mass.	106,294	29	9				10				2			
Nashville, Tenn.	110,364	39			59	1	2				2	4	2	1
Oakland, Cal.	150,174	46	1		1		3				2	4		
Spokane, Wash.	104,402	34	8	1	9		5						1	
Toledo, Ohio.	168,497	49	12	1	4		7					3	2	
Worcester, Mass.	145,986	50	6		1		12				7	4		
Cities having from 50,000 to 100,000 inhabitants.														
Altoona, Pa.	52,127	8	2				2				1	1		
Bayonne, N. J.	55,545		1		3						3			
Brockton, Mass.	56,878	14	4				1					2		
Camden, N. J.	94,538		5	2	31		1							
Canton, Ohio.	50,217	6			3						1	2		
Covington, Ky.	53,270	16	2	1			2				1	3	1	
Duluth, Minn.	78,466	26	2		1		4		1		3	3	2	
Elizabeth, N. J.	73,409	20	6	1	2		8							
Erie, Pa.	66,525	36			1		3				5	2	37	7
Evansville, Ind.	69,647	26	4				4				2	2		
Hartford, Conn.	98,915	41	11				17	2			8	4	2	
Hoboken, N. J.	70,324		1	1	1						1			
Houston, Tex.	78,800	26						2				4		
Jacksonville, Fla.	57,699	32			11		5	1	4		2	3		
Johnstown, Pa.	55,482	23	4				1				1	1	1	
Kansas City, Kans.	82,331	37	3		2		5		3		2	2	6	
Lawrence, Mass.	85,892	23	2		4		3				6	3		
Lynn, Mass.	89,336	26	5		29		2				7	3	2	
Manchester, N. H.	70,063	21	8										2	
New Bedford, Mass.	96,652	35	2				9				5	3	1	
Passaic, N. J.	54,773	1	4		4		2				1	1		
Reading, Pa.	96,071	35	3	1	20		9	1			1	2		
Salt Lake City, Utah.	92,777													
San Antonio, Tex.	96,614	13	3		20		2		1			12	6	1
Schenectady, N. Y.	72,826													
Somerville, Mass.	77,236	18	5	1	5		5				2	3	1	
South Bend, Ind.	53,684	16	3	2	3		2					1	1	
Springfield, Mass.	88,926	25	5	1	3		1				1	2	1	
Tacoma, Wash.	83,743	19	4		2		2		1				2	
Terre Haute, Ind.	58,157	20	1		8		7	1	2			1		
Trenton, N. J.	96,815		1								10	1	1	
Wichita, Kans.	52,450	19	1											
Wilkes-Barre, Pa.	67,105	26	5				8				2	3		
Wilmington, Del.	87,411	18											2	
Yonkers, N. Y.	79,803		5	1	4		12				4	3		

MORBIDITY AND MORTALITY—Continued.

Weekly morbidity and mortality table, cities of the United States, for week ended January 21—Continued.

Cities.	Popula- tion, United States census, 1910.	Total deaths from all causes.	Diph- theria.		Measles.		Scarlet fever.		Small- pox.		Tuber- culosis.		Ty- phoid fever.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Cities having from 25,000 to 60,000 inhabitants.														
Auburn, N. Y.	34,668													
Aurora, Ill.	29,807													
Berkeley, Cal.	40,434	7	2		2								1	
Binghamton, N. Y.	48,443	13	1		38	1	1				1		1	
Charlotte, N. C.	34,014	8							1				2	
Chattanooga, Tenn.	44,604		1				1				1			
Chelsea, Mass.	32,452	10					1				3			
Chicopee, Mass.	25,401	14	3											3
Council Bluffs, Iowa.	29,292													
Danville, Ill.	27,871	5	2	1			2				1	1		
Dubuque, Iowa.	38,494													
Elmira, N. Y.	37,176	14	1				2	1			6	1	6	1
El Paso, Tex.	39,279	31					1		6	4		1		
Everett, Mass.	33,484	8	3	1			2				1	1		
Frankfort, Ind.	26,672	2			1									
Haverhill, Mass.	44,115	11	13				3				3	1	1	
Kalamazoo, Mich.	39,437	10			68				1		2	2		
Kingston, N. Y.	25,908													
Knoxville, Tenn.	36,346													
La Crosse, Wis.	31,417	5	1		2		6					2	1	
Lancaster, Pa.	47,227	18	1				3	1			1		2	
Lexington, Ky.	35,099	21			1									
Lynchburg, Va.	29,494		8				2		1					
McKeesport, Pa.	42,694	6	1		3									
Malden, Mass.	44,404	15			3		3				2			
Montgomery, Ala.	38,136	25			5		3		2		4	2	1	
Mount Vernon, N. Y.	30,919	9	1		2		5							
Newport, Ky.	30,309	4			1		4	1			1	1		
Newport, R. I.	27,149	5	3		1						1		1	
Newton, Mass.	39,806	6	4		9		3				1			
Niagara Falls, N. Y.	30,445		3		3		1						13	1
Norristown, Pa.	27,875	6			2		1				1			
Orange, N. J.	29,630	13	1		1						2	2		
Pittsfield, Mass.	32,121													
Portsmouth, Va.	33,190	5			2				1					
Roanoke, Va.	34,874	9			5	1	2						2	
Sacramento, Cal.	44,696						2							
Superior, Wis.	40,384	19	5									1		
Taunton, Mass.	34,259	18	2	1							3	1		
Topeka, Kans.	43,684													
Waltham, Mass.	27,834	9	5		1	1								
Wheeling, W. Va.	41,641	12	2						2		2		3	
Williamsport, Pa.	31,860	9												
York, Pa.	44,750		6								13			
Cities having less than 25,000 inhabitants.														
Ann Arbor, Mich.	14,817	12			1				1					1
Ashtabula, Ohio.	18,266	3												
Beaver Falls, Pa.	12,191	0	1										2	
Bennington, Vt.		4			2									
Biddeford, Me.	17,079	3					3	2						
Braddock, Pa.	19,357	6			6							1	2	
Butler, Pa.	20,728	7	1				1				3	1		
Cambridge, Ohio.	11,327	1			2								3	1
Camden, S. C.									1					
Carbondale, Pa.	17,040	4												
Clinton, Mass.	13,075	5												
Coffeyville, Kans.	12,687	4							1		1			
Columbus, Ga.	20,554	2												
Columbus, Ind.		1												
Concord, N. H.	21,497	11	5		1									
Cumberland, Md.	21,839	11										1	6	1
Dunkirk, N. Y.		6	1		6	1					1	3	1	
Freeport, Ill.	17,567	3			1									
Galesburg, Ill.	22,089	8			2									
Gloucester, Mass.	24,398	8										1		

MORBIDITY AND MORTALITY—Continued.

Weekly morbidity and mortality table, cities of the United States, for week ended January 21—Continued.

Cities.	Popula- tion, United States census, 1910.	Total deaths from all causes.	Diph- theria.		Measles.		Scarlet fever.		Small- pox.		Tuber- culosis.		Ty- phoid fever.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
<i>Cities having less than 25,000 inhabitants—Con.</i>														
Greensboro, N. C.	15,895	4					1							
Harrison, N. J.	14,498	4									2			
Hyde Park, Mass.	15,507	3	1	1	2		2							
Kearny, N. J.	18,659	8			11		3							
Kokomo, Ind.	17,010	4			1									
La Fayette, Ind.	20,081	6												
Lebanon, Pa.	19,240	5		1							1			
Manistee, Mich.	12,381	0					2							
Manitowoc, Wis.	13,027	2												
Marinette, Wis.	14,610	3	1	1									1	1
Marlboro, Mass.	14,579	3	2	1			1							
Massillon, Ohio.	13,879	4	1	1										
Medford, Mass.	23,150	15	4		1		1				2			
Melrose, Mass.	15,715	3	1		2		6	1						
Moline, Ill.	24,199	8	1	1	8		5				1	2		
Montclair, N. J.	21,550	13	2				1				4			
Morristown, N. J.	12,507	5	2				1					2		
Nanticoke, Pa.	18,877	8	3											
Newburyport, Mass.	14,949	7	2	1							1			
North Adams, Mass.	22,019	9			3								1	
Northampton, Mass.	19,431	4	1		2									
Ottumwa, Iowa.	22,012	8									1			
Paducah, Ky.	22,700	20			4			4			2	1	1	
Palmer, Mass.		2												
Peekskill, N. Y.		9	2				10				2	1	1	
Plainfield, N. J.	20,550	9					3				2	1	1	1
Portsmouth, N. H.	11,209		1	1	2									
Pottstown, Pa.	15,599	7					2							
Rock Island, Ill.		8	1		3								2	
Rutland, Vt.	13,546													
Saratoga Springs, N. Y.		5	1								1	2		
South Bethlehem, Pa.	19,973	5	1	1							1			
Steelton, Pa.	14,246	2	1		1						4			
Warren, Ohio.	11,081	1			1									
Wilkinsburg, Pa.	18,924	3	1		1		1				2	1	1	1
Woburn, Mass.	15,308	3	6				2							
Zanesville, Ohio.		9			9		3					1		

STATISTICAL REPORTS OF MORBIDITY AND MORTALITY, STATES AND CITIES OF THE UNITED STATES (untabulated).

FLORIDA.—Week ended January 21, 1911. Reports from the State Board of Health show diphtheria present in 2 localities (Milton and Tampa) with 4 cases, malaria at 4 localities with 33 cases, smallpox in 15 counties with 176 cases and 1 death, tuberculosis in 7 localities with 21 cases, typhoid fever in 1 locality (Tampa) with 4 cases.

IOWA.—Month of December, 1910. Population, 2,192,608. Total number of deaths from all causes 2,096, including diphtheria 13, measles 1, scarlet fever 16, smallpox 1, tuberculosis 122, typhoid fever 49.

MINNESOTA.—Month of October, 1910. Population, 1,979,658. Total number of deaths from all causes 1,564, including diphtheria 42, measles 2, scarlet fever 14, tuberculosis 151, typhoid fever 102.

NEW YORK—*Rochester*.—Month of December, 1910. Population, 190,000. Total number of deaths from all causes 265, including diphtheria 5, scarlet fever 1, tuberculosis, pulmonary, 23, typhoid fever 5. Cases reported: Diphtheria 10, measles 19, scarlet fever 59, typhoid fever 8.

Troy.—Month of December, 1910. Population, 77,650. Total number of deaths from all causes 113, including diphtheria 1, measles 1, scarlet fever 3, tuberculosis 15, typhoid fever 1. Cases reported: Diphtheria 16, measles 25, scarlet fever 19, tuberculosis 15, typhoid fever 4.

NORTH DAKOTA.—Month of December, 1910. Population, 577,056. Total number of deaths from all causes 279, including diphtheria 5, measles 1, scarlet fever 1. Cases reported: Diphtheria 31, measles 22, scarlet fever 50, smallpox 7, tuberculosis 5, typhoid fever 22.

FOREIGN AND INSULAR

ARABIA.

MASKAT—Ports of Maskat and Muttra free from Cholera.

The American consul reported December 20 to the Department of State that the ports of Maskat and Muttra were officially declared free from cholera December 20.

CHINA.

AMOY—Plague in Vicinity.

Acting Asst. Surg. Bonthius reports December 21: Plague in the bubonic and pneumonic forms continues actively present in the interior.

MANCHURIA—Status of Plague.

Minister Rockhill at St. Petersburg, Russia, reported January 12 to the Department of State:

A bulletin issued December 30, 1910, by the plague commission shows 491 cases of plague with 488 deaths among Chinese in the radius allotted to the Chinese Eastern Railroad from the beginning of the outbreak to December 23, 1910.

Consul Greene at Harbin reports December 31:

Plague appears to have been entirely eradicated at Manchuria station and the other localities along the western division of the Chinese Eastern Railroad, in which it has been present. The epidemic has, however, assumed alarming proportions among the Chinese in Fuchiatien and in the business section of Harbin known as the Pristan. The statistical record of the epidemic is still incomplete, chiefly because doubtful cases have not been followed up from day to day to determine if they should be reported as plague. According to the most reliable information available, the number of deaths from plague which has occurred at Fuchiatien and Harbin from the appearance of the disease on November 8 and 9, respectively, to November 28, is as follows: Fuchiatien, deaths 78, including 32 corpses found in streets and houses; Harbin, deaths 182; total, 260.

About two-thirds of these deaths occurred during the past two weeks. It is stated on Chinese medical authority that there have lately been about 20 deaths daily at Fuchiatien. On December 28 there were reported 28 deaths at Fuchiatien.

In Harbin, including corpses found on the street, there have averaged lately about 10 deaths daily, but on December 28 I was informed by a Russian officer that 32 bodies of plague victims had been sent that day for burial in the special cemetery set apart for the purpose. Up to December 29 the number of cases and deaths

on the railway lands in North Manchuria, which would include Harbin, but not Fuchiatien, according to reports of the railway company, was as follows:

	Dec. 14 to 29.		Total since beginning, Oct. 25, 1910.	
	New cases.	Deaths.	Cases.	Deaths.
Chinese	38	36	522	520
Russians			11	10
Total	38	36	533	530

These figures do not include dead bodies found by the sanitary authorities, presumably because in many of these cases the real cause of death was not determined.

While the Russians have followed up the disease energetically within the railway settlement, and have carefully isolated all suspicious cases, while keeping under observation in railway cars and other places all persons known to have come in contact with plague patients, their efforts can have little effect so long as present conditions prevail in Fuchiatien, where up to this time there has been no central authority to enforce the necessary preventive measures. The Japanese physician sent by the viceroy at Mukden did not begin systematic operations until a week ago, as he could do nothing until he was supplied with the necessary equipment and authority. No thorough system has been applied of isolating doubtful cases, or of observing persons who have been in contact with actual cases. Very often, while the patient is removed to the hospital, the other inmates of the house succeed in escaping. The result is that the infection has been spread all over Fuchiatien and the Pristan, and reports are now coming in of an alarming number of deaths at Hulan and other neighboring towns. At this time of year when the roads of Manchuria are at their best, there is a great volume of traffic between all the important trade centers which bids fair to carry the plague all over North Manchuria, no matter how successful the Chinese Eastern Railway may be in preventing its being communicated by means of the railway.

On December 21 the assistant director of the Imperial Army Medical College at Tientsin arrived to take charge of the campaign against plague at Fuchiatien. He is a graduate of a British medical school, with special training in bacteriology and in the handling of epidemics. He is now assisted by one Japanese and two Chinese physicians, all trained in modern medical schools, besides eight Chinese and Japanese hospital assistants of some experience. In a few days he expects five more physicians, two of whom are British and three Chinese; together with ten of his senior students from Tientsin. He says that he has now a fairly satisfactory isolation hospital for suspected cases which will accommodate about 80 patients, and observation quarters for about 200 persons.

At present the Russian authorities at Harbin propose as a protection against outside infection to divert all traffic between Fuchiatien

and Harbin into certain roads where health officers will inspect wayfarers and stop those who are evidently sick. Chinese passengers arriving and departing by rail in third and fourth class cars are being carefully inspected at the Harbin station, the admission of Chinese laborers into the maritime and trans-Baikal Provinces is prohibited and quarantine is required for all other Chinese passengers entering the Russian dominions. A Russian plague expert arrived December 20 to inspect the sanitary work being carried out at Harbin and suggest additional measures.

CUBA.

Transmissible Diseases in the Island.

Acting Asst. Surg. Villoldo, at Habana, reports, January 24:

The following statement of transmissible diseases in the island of Cuba was issued by the national department of sanitation:

MONTH OF NOVEMBER, 1910.

Diseases.	New cases.	Deaths.	Remain- ing under treat- ment.
Tuberculosis.....	142	209	2,707
Leprosy.....	4	2	344
Malaria.....	362	29	208
Typhoid fever.....	58	8	47
Diphtheria.....	96	12	40
Scarlet fever.....	21	.....	18
Measles.....	142	5	80
Varicella.....	3	.....	3
Tetanus in the new born.....	16	16	.....

MONTH OF DECEMBER, 1910.

Tuberculosis.....	172	246	2,611
Leprosy.....	6	7	343
Malaria.....	195	17	183
Typhoid fever.....	46	8	48
Diphtheria.....	97	11	27
Scarlet fever.....	31	2	23
Measles.....	316	5	207
Varicella.....	12	.....	9
Tetanus in the new born.....	14	14	.....

No quarantinable diseases were reported in the island during the week ended January 24, 1911.

DOMINICAN REPUBLIC.

Santo Domingo—Port Sanitary Regulations.

Consul Russell reports, December 24, 1910:

The central board of health of Santo Domingo has recently passed the following regulations:

1. The disembarkation of any person suffering from leprosy or trachoma is prohibited.
2. Pratique shall be denied to any vessel having on board a case of cholera, plague, smallpox, or typhus fever, or having been in communication with a port in which the diseases named were present.

HAWAII.

Record of Plague Infection.

Last case of human plague at Honolulu occurred July 12, 1910.

The last plague-infected rat was found at Aiea, 9 miles from Honolulu, April 12, 1910.

At Hilo the last case of human plague occurred March 23, 1910. A fatal case occurred at Honokaa, 60 miles from Hilo, December 17, 1910, and 2 fatal cases were reported January 31, 1911.

The last plague-infected rat was found at Honokaa, 60 miles from Hilo, December 20, 1910.

Passed Asst. Surg. Ramus reports in regard to plague-prevention work, January 9 and 16:

HONOLULU.

Week ended January 7, 1911.

Total rats and mongoose taken.....	520
Rats trapped.....	515
Mongoose trapped.....	7
Rats shot from trees.....	8
Examined bacteriologically.....	465
Classification of rats trapped:	
<i>Mus alexandrinus</i>	93
<i>Mus musculus</i>	147
<i>Mus norvegicus</i>	27
<i>Mus rattus</i>	238
Classification of rats shot from trees:	
<i>Mus rattus</i>	8
Average number of traps set daily.....	1, 720

Week ended January 14, 1911.

Total rats and mongoose taken.....	661
Rats trapped.....	650
Mongoose trapped.....	11
Examined bacteriologically.....	573
Classification of rats trapped:	
<i>Mus alexandrinus</i>	53
<i>Mus musculus</i>	181
<i>Mus norvegicus</i>	81
<i>Mus rattus</i>	335
Average number of traps set daily.....	1, 720

Further Relative to Plague Case at Honokaa.¹

Dr. Ramus reported January 10:

The fatal plague case reported December 19 occurred in the person of a Filipino child at Kawela Camp, which is situated near the coast, about 4 miles northeast of the Honokaa Plantation Mill Camp and about 6 miles from Honokaa village, where two cases of plague occurred during the early part of 1910. The camp consists of about twelve houses and is used as a stable camp, there being two large stables situated just north of the camp. The patient was sick four days and the case was of the bubonic type. The plantation is one of those which have been slow in carrying out sanitary work. One dead rat and three dead mice were found under the floor of the stables. The three rodents were found to be plague-infected. The occurrence of this single case of plague and the finding of three plague-infected rodents

¹ Public Health Reports, Dec. 30, 1910, p. 1932

in the near vicinity is instructive as demonstrating the relation of human to rat plague.

The camp was strictly quarantined, and during the 24 days which have elapsed since the plague death no further cases have occurred.

HONDURAS.

PUERTO CORTEZ—Yellow Fever on U. S. S. *Marietta*.

The American consul reported January 30 to the Department of State the occurrence of a fatal case of yellow fever on the U. S. S. *Marietta* in the person of a seaman.

INDIA.

CALCUTTA—Cholera and Plague.

Acting Asst. Surg. Allan reports January 5:

During the week ended December 17, 1910, there were reported at Calcutta 22 deaths from cholera and 16 from plague; in all Bengal, 1,031 cases of plague, with 774 deaths; in all India, 10,736 cases of plague, with 8,399 deaths.

ITALY.

Status of Cholera.

Surg. Geddings, at Naples, reports January 16:

During the week ended January 14 cholera was reported in Italy as follows:

Provinces.	Cases.	Deaths.
Caserta:		
Elena.....	1	1
Lecce:		
Leporano.....	1	
Massafra.....	12	4
Neviano.....	1	
Palaginella.....	1	
S. Giorgio.....	1	
Taranto.....	9	3
Total.....	26	8

NAPLES—Examination of Emigrants—Smallpox.

Dr. Geddings further reports:

Vessels inspected at Naples and Palermo week ended January 14:

NAPLES.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
Jan. 11	San Giorgio.....	New York.....			
11	Carpathia.....	do.....			
11	Taormina.....	Philadelphia.....	831	185	1,150
13	San Giorgio.....	New York.....	242	18	210
13	Oceania.....	do.....	487	245	825
14	König Albert.....	do.....	490	105	620
14	Roma.....	do.....	98	15	190
	Total.....		2,148	568	2,995

PALERMO.

Jan. 14	San Giorgio.....	New York.....	188	350	150
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Rejections recommended.

NAPLES.

Date.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Other causes.	Total.
Jan. 11	San Giorgio.....					
11	Carpathia.....					
11	Taormina.....	14	4	6	8	32
13	San Giorgio.....	6		2		8
13	Oceania.....	11	3	4	5	23
14	König Albert.....	15	3	5	7	30
14	Roma.....	7	1	4	2	14
	Total.....	53	11	21	22	107

PALERMO.

Jan. 14	San Giorgio.....	10		12	5	27
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Smallpox in Naples.—During the week ended January 14, 30 cases of smallpox with 4 deaths were reported at the health office of the city of Naples.

MADEIRA ISLANDS.

Status of Cholera.

Chargé d'Affaires ad interim Lorillard at Lisbon, Portugal, reported, January 9, to the Department of State:

From the beginning of the outbreak to December 31, 1910, there were reported 495 cases of cholera with 140 deaths in the district of Funchal, and 828 cases with 267 deaths in the rural districts. The epidemic continues to be confined to the same districts with the exception of the district of Calheta, in which 1 case has occurred.

Chargé d'Affaires ad interim Lorillard further reported, January 16:

From January 1 to 12 there were reported for all the districts of Madeira in which cholera has been present 217 cases with 70 deaths; total from beginning of outbreak, 1,646 cases with 525 deaths.

PHILIPPINE ISLANDS.

Status of Cholera.

Chief Quarantine Officer Heiser at Manila reports, December 20, 1910:

During the week ended December 17 no quarantinable diseases were reported in the city of Manila.

Five cases of cholera with 4 deaths were reported in the province of Ilocos Sur.

RUSSIA.

Status of Cholera.

Minister Rockhill at St. Petersburg reported, January 12, to the Department of State:

During the week ended December 24, 1910, 21 cases of cholera with 5 deaths were officially reported from all Russia. The total number of cases officially reported from the beginning of the epidemic to December 31, 1910, is 216,780 with 100,971 deaths.

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX.

Reports Received During Week Ended February 10, 1911.

[These tables include cases and deaths recorded in reports received by the Surgeon General, Public Health and Marine-Hospital Service, from American consuls, through the Department of State, and from other sources.]

CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
Bulgaria:				
Tartar-Pazardjik.....	Jan. 10.....	12	2	
Ceylon:				
Colombo.....	Dec. 11-24.....	4	3	
India:				
Bombay.....	Dec. 21-Jan. 3.....		28	
Calcutta.....	Dec. 11-17.....		22	
Madras.....	Dec. 18-24.....		1	
Italy:				
Province—				
Caserta.....	Jan. 8-14.....	1	1	
Lecce.....	Jan. 8-14.....	25	7	
Japan:				
Nagasaki.....	Dec. 19-25.....	2	1	
Philippine Islands:				
Province—				
Ilocos Sur.....	Dec. 11-17.....	5	4	
Russia:				
Orenburg government.....	Dec. 18-24.....	14	5	Total for Russia, Dec. 18-24: Cases 21, deaths 5.
Podolio government.....	Dec. 18-24.....	4		
Yekaterinislav government.....	Dec. 18-24.....	3		
Madeira.....	Dec. 9-31.....	232	92	
Calheta.....	Jan. 1-12.....	217	70	
Turkey:				
Constantinople.....	Dec. 9-31.....	1		
	Nov. 29-Dec. 19.....	214	125	

YELLOW FEVER.

Brazil:				
Manaos.....	Jan. 8-14.....		6	
Para.....	Jan. 7-14.....	13	7	
Venezuela:				
Caracas.....	Jan. 4-21.....	13	6	
Honduras:				
Puerto Cortez.....	Jan. 21-29.....			One fatal case on U. S. S. Marietta.

PLAGUE.

China:				
Changchung.....	Jan. 1-7.....			Present.
Manchuria.....	Dec. 26-31.....	36	35	Including deaths previously reported.
Fuchiatien.....	Nov. 8-Dec. 31.....		182	
Harbin.....	Nov. 9-Dec. 31.....		78	
India:				
Bombay.....	Dec. 21-Jan. 3.....		21	
Calcutta.....	Dec. 11-17.....		16	
Kurrachee.....	Dec. 25-31.....		15	
Rangoon.....	Dec. 18-24.....		1	
Russia:				
Astrakhan government—				
Kolden.....	Dec. 6-13.....	8	3	
Kolybal.....	Dec. 10-13.....	5	1	

¹ From the Veröffentlichungen des Kaiserlichen Gesundheitsamtes, Jan. 18, 1911.

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received During Week Ended February 10, 1911.

SMALLPOX.

Place.	Date.	Cases.	Deaths.	Remarks.
Arabia:				
Aden.....	Dec. 20-Jan. 9.....	13	2	Epidemic.
Berbera.....	Dec. 9-Jan. 9.....			
Argentina:				
Rosario.....	Nov. 1-30.....		2	
Brazil:				
Para.....	Jan. 8-21.....	10		
Canada:				
Halifax.....	Jan. 1-14.....	3		
Louisburg.....	Jan. 15-21.....	4		
Ottawa.....	Jan. 22-28.....	2		
Sydney.....	do.....	1		
Victoria.....	Jan. 15-28.....	21		
Chile:				
Punta Arenas.....	Nov. 1-30.....	1		
Valparaiso.....	Jan. 1-7.....	55	2	
China:				
Hongkong.....	Dec. 18-24.....	1		
Shanghai.....	Dec. 26-Jan. 1.....	5	11	
France:				
Paris.....	Dec. 25-Jan. 14.....	13		Total, 4 cases.
Germany.....	Jan. 1-7.....			
India:				
Bombay.....	Dec. 28-Jan. 3.....		3	
Madras.....	Dec. 18-24.....		5	
Rangoon.....	Dec. 11-24.....		2	
Italy:				
Naples.....	Jan. 8-14.....	30	4	
Turin.....	Jan. 8-14.....	1		
Japan:				
Kobe.....	Dec. 25-Jan. 1.....	1	1	
Mexico:				
San Luis Potosi.....	Dec. 11-31.....	24	15	
Tampico.....	Jan. 11-20.....	8	3	
Netherlands:				
Rotterdam.....	Jan. 16-21.....	1		
Peru:				
Salaverry.....	Jan. 10-16.....			Present.
Portugal:				
Lisbon.....	Jan. 1-14.....	28		
Russia:				
Lithau.....	Jan. 9-15.....	1	1	
Moscow.....	Dec. 18-24.....	12	18	
Riga.....	Dec. 18-31.....	14		
Spain:				
Madrid.....	Dec. 1-31.....		7	
Valencia.....	Jan. 8-14.....	1		
Straits Settlements:				
Singapore.....	Dec. 11-17.....	4	3	
Turkey in Asia:				
Beirut.....	Jan. 1-14.....	4		

Reports Received from December 31, 1910, to February 3, 1911.

[For reports received from June 25, 1910, to Dec. 30, 1910 see PUBLIC HEALTH REPORTS for Dec. 30 1910. In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
Arabia:				
Bajil.....	Jan. 18.....			Present.
Hodeida.....	Jan. 23.....			Do.
Perim.....	Jan. 23.....			Do.
Maskat.....	Nov. 20-30.....	7	7	Two deaths not previously reported.
Austria-Hungary	Aug. 3-Nov. 7.....			
Croatia and Slavonia.....	Dec. 4-17.....	3		Total for Hungary, Nov. 27-Dec. 17: Cases, 9; deaths, 3.
Maren.....	Oct. 1-9.....	3		
Hungary.....				

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from December 31, 1910, to February 3, 1911.

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Bulgaria:				
Varna.....	Nov. 29.....	2		From steamship <i>Bulgarie</i> , 3 fatal cases having been reported on p. 1936, Vol. XXV.
China:				
Niuchwang.....	Aug. 1-Nov. 22.....			Occasional cases.
Shanghai.....	Aug. 1-31.....		1	Reported out of date.
Formosa.....	Nov. 20-Dec. 17.....	11	6	Mainly in Kelung and Talhoku.
India:				
Bombay.....	Nov. 23-Dec. 20.....		27	
Calcutta.....	Nov. 13-Dec. 10.....		165	
Madras.....	Nov. 27-Dec. 10.....		2	
Indo-China:				
Saigon.....	Dec. 12-18.....	1	1	
Italy.....				Total for Italy, Dec. 27-Jan. 6: Cases, 41; deaths, 4.
Provinces—				
Aquila.....	Dec. 4-17.....	4	1	
Bari.....	Dec. 27-Jan. 6.....	4	2	
Caltanissetta.....	Dec. 4-10.....	1		
Caserta.....	Dec. 4-Jan. 6.....	14	2	
Catanzaro.....	Dec. 27-Jan. 6.....	2	2	
Lecce.....	Dec. 11-Jan. 6.....	48	3	
Palermo—				
Palermo.....	Dec. 4-10.....	16	6	
Insane asylum.....	Dec. 4-Jan. 6.....	24	6	
Rome.....	Dec. 4-Jan. 6.....	10	7	
Salerno.....	Dec. 11-Jan. 6.....	10		
Japan.....				Total for Japan, Sept. 14-Nov. 30: Cases, 2,770; deaths, 1,923; including cases and deaths appearing on p. 1937, Vol. XXV.
Aichi ken.....	Oct. 16-Nov. 30.....	3	3	
Ehime ken.....	Sept. 23-Nov. 30.....	27	19	
Fukuoka ken.....	Sept. 30-Nov. 30.....	234	165	
Hiogo ken, Kobe.....	Sept. 12-Nov. 30.....	607	396	
Hiroshima ken.....	Sept. 25-Nov. 30.....	58	30	
Kagawa ken.....	Oct. 2-Nov. 30.....	293	201	
Kagoshima ken.....	Oct. 28-Nov. 30.....	4	3	
Kochi ken.....	Oct. 18-Nov. 30.....	70	42	
Kyoto fu.....	Sept. 30-Nov. 30.....	143	119	
Kumamoto ken.....	Oct. 18-Nov. 30.....	19	11	
Miye ken.....	Oct. 11-Nov. 30.....	8	5	
Nagasaki ken.....	Oct. 16-Nov. 30.....	26	11	Dec. 12-18, 2 cases.
Nara ken.....	Oct. 3-Nov. 30.....	31	23	
Oita ken.....	Oct. 10-Nov. 30.....	2	1	
Okayama ken.....	Sept. 29-Nov. 30.....	71	49	
Osaka fu.....	Sept. 17-Nov. 30.....	951	662	
Saga ken.....	Oct. 4-Nov. 30.....	51	31	
Shiga ken.....	Nov. 20-30.....	7	6	
Shimane ken.....	Oct. 24-Nov. 30.....	7	5	
Tokushima ken.....	Oct. 3-Nov. 30.....	59	37	
Tokyo fu.....	Oct. 18-Nov. 30.....	1	1	
Wakayama ken.....	Oct. 6-Nov. 30.....	57	44	
Yamaguchi ken.....	Oct. 12-Nov. 30.....	41	29	
Java:				
Batavia.....	Nov. 13-Dec. 10.....	13	4	Among natives.
Samarang.....	Sept. 11-Nov. 10.....	486	410	
Soerabaya.....	Oct. 23-Nov. 26.....	13	9	
Korea:				
Seoul.....	Oct. 26-Nov. 5.....	1	1	
Maderia.....				Total for Maderia, Nov. 16-Jan. 12: Cases, 1,646; deaths, 525; including report, page 1938, Volume XXV. Funchal district, Nov. 16-Dec. 31: Cases, 495; deaths, 140. Rural districts: Cases, 828; deaths, 267.
Funchal.....	Nov. 16-Dec. 8.....	126	36	
Camara dos Lobos.....	Nov. 16-Dec. 8.....	112	32	
Ponto do Sol.....	Nov. 16-Dec. 8.....	54	20	
Santa Cruz.....	Nov. 16-Dec. 8.....	15	8	
Machico.....	Nov. 16-Dec. 8.....	31	5	
Porto Santo Island.....	Nov. 30-Dec. 8.....	7	3	
Persia:				
Assadabad.....	Oct. 5-Nov. 8.....		61	
Birjend.....	Nov. 10.....			Present.
Enzeli.....	Nov. 8-25.....	9	11	Present in vicinity and in Pire-Bazar.

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from December 31, 1910, to February 3, 1911.

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Persia—Continued.				
Hamadan.....	Oct. 6-Dec. 3.....	42	22	Present in all villages in vicinity.
Kasri-Churine.....	Oct. 13-20.....	5	5	
Kerman.....	Nov. 22-30.....	67	25	
Kermanshah.....	Nov. 5-10.....	6	6	
Mohammerah.....	Nov. 13-Dec. 5.....	11	3	
Resht.....	Nov. 19-Dec. 3.....	48	42	
Mollah-Ali.....	Nov. 20.....	6	6	
Turbat-i-Hidari.....	Oct. 10-Nov. 15.....	66	25	
Philippine Islands:				
Manila.....	Nov. 6-Dec. 3.....	8	6	
Provinces—				
Bulacan.....	Nov. 6-19.....	4	3	
Ilocos Sur.....	Nov. 6-10.....	53	34	
Mindoro.....	Nov. 6-Dec. 10.....	24	17	
Rizal.....	Nov. 6-Dec. 3.....	4	1	
Union.....	Nov. 6-12.....	3	1	
Russia.....				
				Total for Russia, Nov. 20-Jan. 5: Cases, 1,214; deaths, 292. From May 8-Jan. 5: Cases, 216,780; deaths, 100,971.
Baku government—				
Baku.....	Nov. 6-Dec. 17.....	6	2	
Batum.....	Dec. 4-10.....	2	1	
Don territory.....	Nov. 6-19.....	6	2	
Erivan government.....	Nov. 6-Dec. 10.....	4	4	
Ferghana territory.....	Nov. 6-19.....	6	6	
Kharkov government.....	Nov. 6-12.....	2	.....
Kazan government.....	Nov. 6-12.....	1	.....
Kherson government.....	Nov. 6-Dec. 3.....	4	4	
Kief government.....	Nov. 6-Dec. 17.....	39	14	
Kuban territory.....	Nov. 6-13.....	4	4	
Lublin government.....	Nov. 20-26.....	31	13	
Mohilev government.....	Nov. 6-19.....	2	1	
Orenburg government.....	Nov. 13-19.....	1	1	
Oufa government.....	Nov. 6-12.....	2	1	
Perm government.....	Nov. 20-26.....	1	.....
Podolia government.....	Nov. 13-19.....	3	1	
Rjasan government.....	Nov. 6-12.....	2	.....
St. Petersburg govern- ment—	Nov. 6-12.....	2	.....
St. Petersburg.....	Nov. 6-Dec. 17.....	31	15	
Samara government.....	Nov. 6-19.....	6	.....
Saratov government.....	Nov. 13-26.....	8	6	
Siberia, eastern.....	Nov. 6-19.....	12	3	
Syr Darya territory.....	Nov. 6-19.....	7	4	
Taurida government—				
Sebastopol.....	Nov. 13-Dec. 3.....	7	4	
Tambov government.....	Nov. 13-Dec. 10.....	86	34	
Tiflis government.....	Nov. 6-26.....	2	.....
Vitebsk government.....	Nov. 6-19.....	3	2	
Veronesch government.....	Nov. 6-12.....	2	.....
Yekaterinoslav govern- ment.....	Nov. 6-Dec. 10.....	51	39	
Slam:				
Bangkok.....	Nov. 6-Dec. 3.....	136	131	
Sumatra:				
Bambel.....	Dec. 29.....	.....	.....	Present.
Biagmoeti.....	Nov. 14.....	.....	.....	Do.
Keretan.....	Dec. 29.....	.....	.....	Do.
Pengoelodjahar.....	Nov. 14.....	.....	.....	Do.
Tripoli:				
Tripoli.....	Nov. 15-Dec. 8.....	37	37	
Turkey:				
Adrianople.....	Nov. 21-Dec. 8.....	57	69	94 cases and 34 deaths reported, p. 1940, Vol. XXV. Total, from Sept. 13-Dec. 19: Cases, 1,074; deaths, 621.
Constantinople.....	Nov. 22-Nov. 28 ..	383	232	
Saloniki.....	Dec. 11-24.....	30	12	
Turkey in Asia:				
Bagdad vilayet.....	Nov. 20-Dec. 11.....	119	115	
Basra.....	Nov. 6-26.....	10	9	
Samsoun.....	Nov. 20-Dec. 3.....	6	6	
Smyrna.....	Nov. 20-Dec. 16.....	66	49	And vicinity. Do.
Trebizond.....	Nov. 20-Dec. 11.....	102	39	
Zongouldak.....	Nov. 20-Dec. 9.....	8	4	

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from December 31, 1910, to February 3, 1911.

YELLOW FEVER.

Place.	Date.	Cases.	Deaths.	Remarks.
Brazil:				
Manaos.....	Dec. 4-Jan. 7.....	.....	31	
Para.....	Nov. 27-Jan. 7.....	138	57	
Ecuador:				
Guayaquil.....	Nov. 1-Dec. 31....	34	16	
Venezuela:				
Caracas.....	Dec. 4-31.....	29	.....	Nov. 22-Dec. 3, 5 deaths.
La Guaira.....	Dec. 1-15.....	1	1	
Macuto.....	Dec. 1-7.....	1	.....
Malquetia.....	Nov. 29.....	1	.....

PLAGUE.

Azores:				
Terceira.....	Dec. 24.....	.....	.....	Present.
Brazil:				
Bahia.....	Oct. 29-Nov. 25....	12	12	
Pernambuco.....	July 1-Oct. 15.....	.....	12	
Rio de Janeiro.....	Nov. 1-27.....	12	5	
Chile:				
Arica.....	Dec. 23.....	.....	.....	Do.
China:				
Amoy.....	Jan. 23.....	.....	.....	Do.
Chefoo.....	Jan. 21.....	.....	.....	Do.
Paoting-fu.....	Jan. 24.....	.....	.....	Do.
Peking.....	Jan. 24.....	2	.....
Sioke.....	Dec. 6-21.....	.....	.....	Present; in the interior 60 miles from Amoy.
Tientsin.....	Jan. 21.....	.....	4	Among Chinese.
Manchuria.....				Total for Manchuria, Oct. 25-Dec. 31: Cases, 522 Chinese, 11 Russians; deaths, 520 Chinese, 10 Russians.
Buhedu.....	Oct. 30.....	3	3	
Chang Chuen.....	Dec. 7.....	.....	.....	Present.
Dalny.....	Jan. 11-18.....	9	3	
Fuchiatien.....	Nov. 23-Dec. 14....	45	30	
Hailar.....	Dec. 6.....	1	1	
Harbin.....	Nov. 21-Dec. 11....	3	3	
Hulan.....	Dec. 31.....	.....	.....	Do.
Kirin.....	Dec. 7.....	.....	.....	Do.
Manchuria, station.....	Dec. 7-26.....	85	95	
Mukden.....	Dec. 7-Jan. 14.....	.....	30	Do.
Tieling.....	Jan. 14.....	.....	1	
Tchjalainarskiy.....	Nov. 11-Dec. 3.....	104	106	Cases previously reported, 14; deaths, 12.
Tchjalantum.....	Nov. 21-Jan. 14.....	.....	42	
Turchiha.....	Oct. 30.....	4	4	
Ecuador:				
Babayhoyo.....	Dec. 16-31.....	2	.....
Duran.....	Dec. 16-31.....	3	.....
Guayaquil.....	Nov. 1-Dec. 15....	147	63	
Egypt:				
Alexandria.....	Nov. 29-Dec. 24....	5	2	
Provinces—				
Assiout.....	Dec. 1-29.....	50	24	
Galioubeeh.....	Nov. 22-Dec. 2.....	1	1	
Menouf.....	Dec. 2-22.....	26	14	
Hawaii:				
Honokaa.....	Jan. 31.....	2	2	
India:				
Bombay.....	Nov. 23-Dec. 20....	.....	29	
Calcutta.....	Nov. 13-Dec. 10....	.....	45	
Kurrachee.....	Nov. 19-Dec. 24....	32	31	
Madras.....	Dec. 11-17.....	.....	1	
Rangoon.....	Nov. 20-Dec. 17....	.....	9	
Bombay Presidency and Sind.....	Oct. 29-Dec. 3.....	8,524	5,670	
Madras Presidency.....	Oct. 29-Dec. 3.....	2,267	1,805	
Bengal.....	Oct. 29-Dec. 3.....	2,328	1,626	
United Provinces.....	Oct. 29-Dec. 3.....	9,250	7,672	
Punjab.....	Oct. 29-Dec. 3.....	6,447	4,852	
Burma.....	Oct. 29-Dec. 3.....	380	335	
Central Provinces.....	Oct. 29-Dec. 3.....	5,153	3,999	
Coorg.....	Oct. 29-Nov. 5.....	10	3	
Mysore State.....	Oct. 29-Dec. 3.....	3,534	2,536	

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from December 31, 1910, to February 3, 1911.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
India—Continued.				
Sind—Continued.				
Hyderabad State.....	Oct. 29-Dec. 3.....	2,073	1,675	
Central India.....	Oct. 29-Dec. 3.....	1,251	1,053	
Rajputana and Ajmer-Merwara.....	Oct. 29-Dec. 3.....	4,211	3,148	
Kashmir.....	Nov. 6-Dec. 3.....	13	7	
Grand total.....		45,441	34,371	
Indo-China:				
Saigon.....	Nov. 14-20.....	1	1	
Mauritius.....	Sept. 30-Nov. 3.....	149	87	
New Caledonia:				
Noumea.....	Sept. 17.....			Present.
Peru.....				Dec. 10, still present in Chicama Valley, near Truxillo.
Arequipa Department.....	Nov. 1-30.....	4	2	Dec. 17-27, 5 cases.
Mollendo.....	Nov. 1-30.....	1		
Callao Department.....	Nov. 1-30.....	2		
Lambayeque Department.....	Nov. 1-30.....	41	15	
Libertad Department.....	Nov. 1-30.....	2	1	At Lima Dec. 11-31, 5 cases; 3 deaths.
Lima Department.....	Nov. 1-30.....	13	7	
Flura Department.....	Nov. 1-30.....			
Russia:				
Astrakhan Government—				
Abil-Isken.....	Nov. 22-29.....	4	4	
Kirgis Steppe.....	Dec. 17.....	21	17	
Kulken Island.....	Oct. 13-Nov. 4.....	5	5	
Naurali-Tchaygal.....	Nov. 23-29.....	5	5	
Neuren.....	Nov. 17-21.....	1	1	
Trans-Caucasia.....				Total from Oct. 23-Nov. 24: Cases, 28; deaths, 5.
Petrovsk.....	Nov. 23.....	1	1	
Sanitza-Oliviana.....	Nov. 22.....	1	1	
Baku.....	Dec. 17.....	1	1	
Batum.....	Dec. 17.....	1	1	
Odessa.....	Nov. 26-Dec. 9.....		1	
Siam:				
Bangkok.....	Nov. 27-Dec. 3.....	1	1	
Straits Settlements:				
Singapore.....	Nov. 13-Dec. 3.....	1	1	
Venezuela:				
Caracas.....	Nov. 9.....			Present.

SMALLPOX.

Abyssinia:				
Adis Ababa.....	Nov. 20-Dec. 31.....			Present.
Arabia:				
Aden.....	Jan. 9.....			Do.
Argentina:				
Buenos Aires.....	Oct. 1-31.....		6	
Rosario.....	do.....		5	
Brazil:				
Bahia.....	Oct. 29-Nov. 25.....	34	18	
Para.....	Nov. 27-Dec. 31.....	22	7	
Pernambuco.....	July 1-Oct. 31.....		573	
Rio de Janeiro.....	Nov. 14-27.....	3		
Canada:				
British Columbia—				
Victoria.....	Dec. 11-Jan. 14.....	22		
New Brunswick—				
Newcastle.....	Dec. 18-Jan. 7.....	7		Jan. 14-28, in vicinity.
Nova Scotia—				
Louisburg.....	Dec. 25-31.....	4		
Ontario—				
Cornwall.....	Jan. 1-21.....	3		
Ottawa.....	Dec. 18-31.....	3		
Ceylon:				
Colombo.....	Nov. 13-Dec. 10.....	20	6	
Chile:				
Iquique.....	Nov. 13-19.....		1	
Talcahuano.....	Nov. 13-Dec. 17.....	23		
Valparaiso.....	Nov. 20-Dec. 17.....	313		

CHOLERA, YELLOW FEVER, PLAGUE, AND SMALLPOX—Continued.

Reports Received from December 31, 1910, to February 3, 1911.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Canton.....	Dec. 11-17.....	26	3	
Chefoo.....	do.....			Present among natives.
Chungking.....	Nov. 13-Dec. 17.....			Present.
Hongkong.....	Dec. 4-10.....	2	1	
Nanking.....	Nov. 20-Dec. 31.....			Do.
Shanghai.....	Nov. 21-Dec. 25.....	15	53	Deaths among natives.
Egypt:				
Alexandria.....	Nov. 1-30.....		1	
Cairo.....	Dec. 3-31.....	4	3	
Port Said.....	Dec. 17-23.....	1		
France:				
Paris.....	Dec. 3-27.....	16		
Germany.....				Total for Germany, Dec. 24, cases 7.
Great Britain:				
Leith.....	Dec. 11-17.....	2		From a steamship from Oporto.
Hawaii:				
Honolulu.....	Jan. 3.....	3		On s. s. Kiho Maru from Manzanillo.
Marl—				
Puene.....	Jan. 4-24.....	39		
Waikapu.....	Jan. 31.....	1		
India:				
Bombay.....	Dec. 6-20.....		6	
Calcutta.....	Nov. 6-Dec. 10.....		3	
Madras.....	Nov. 20-Dec. 17.....	13	10	
Rangoon.....	Nov. 20-26.....		3	
Indo-China:				
Saigon.....	Nov. 14-Dec. 18.....	12	5	
Italy:				
Naples.....	Dec. 4-Jan. 7.....	80	18	
Japan:				
Kobe.....	Dec. 26.....	1		From s. s. Shimosa from New York via ports.
Malta:				
Valetta.....	Dec. 4-17.....	2		
Manchuria:				
Dalny.....	Nov. 27-Dec. 3.....	1		
Mexico:				
Aguaascalientes.....	Dec. 25-Jan. 7.....		6	
Mexico.....	Dec. 11-17.....	8	2	
Monterey.....	Dec. 19-25.....		1	
San Luis Potosi.....	Nov. 13-Dec. 3.....	14	6	
Tampico.....	Dec. 20-Jan. 10.....	14	3	
Netherlands:				
Rotterdam.....	Dec. 11-17.....	2		
Peru:				
Truxillo.....	Dec. 19.....		2	Dec. 19-Jan. 7 present in vicinity.
Portugal:				
Lisbon.....	Dec. 3-31.....	79		Deaths, Oct. 30-Nov. 19-21.
Russia:				
Libau.....	Dec. 5-Jan. 1.....	4	3	
Moscow.....	Nov. 13-Dec. 24.....	28	8	
Odessa.....	Nov. 20-Dec. 3.....	4		
Riga.....	Dec. 11-17.....	5		
St. Petersburg.....	Nov. 13-Dec. 24.....	160	47	
Warsaw.....	Oct. 9-29.....		9	
Spain:				
Barcelona.....	Dec. 5-Jan. 8.....		2	
Madrid.....	Nov. 1-30.....		6	
Valencia.....	Nov. 27-Jan. 7.....	6		
Straits Settlements:				
Penang.....	Nov. 6-Dec. 17.....	242	111	
Singapore.....	Nov. 13-Dec. 10.....	14	4	
Switzerland:				
Bern, canton.....	Dec. 12-31.....	6		
Turkey:				
Constantinople.....	Dec. 19-25.....		1	
Turkey in Asia:				
Beirut.....	Dec. 4-31.....	4		
Smyrna.....	Dec. 18-24.....	1		
Uruguay:				
Montevideo.....	Oct. 1-Nov. 30.....	25	6	
Zanzibar:				
Zanzibar.....	Oct. 31-Dec. 18.....	45	34	

MORTALITY.

WEEKLY MORTALITY TABLE, FOREIGN AND INSULAR CITIES.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—										
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Typhoid fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Aberdeen.....	Jan. 14	185,703	59											
Aden.....	Dec. 26	43,794	23	4				1						
Do.....	Jan. 2		28	4										
Do.....	Jan. 9		20	2				2						
Aix la Chapelle.....	Dec. 31	162,499	51	3								1		
Amsterdam.....	Jan. 21	573,984	133	9					1				2	1
Barcelona.....	Jan. 15	591,272	353	29								6	3	1
Basel.....	Jan. 7	135,542	30	5							1			
Batavia.....	Dec. 17	217,630												
Do.....	Dec. 24					1								
Beirut.....	Jan. 14	80,000	20			2				2				
Belfast.....	do.....	398,421	151	30					1		2	1		
Belgrade.....	do.....	80,000	32									1		
Bergen.....	do.....	87,749	23	1								1		
Bombay.....	Dec. 27	977,822	639	48	10	7				2			16	
Do.....	Jan. 3		625	40	11	21		3					19	
Bordeaux.....	Jan. 14	253,000	157	10					1					
Budapest.....	Jan. 7	950,610										3	2	
Bristol.....	Jan. 21	387,551	122	5								1		5
Calcutta.....	Dec. 17	847,796	545	40	16	22								
Colombo.....	Dec. 24	187,554		15						3				
Do.....	Dec. 31		133	14						3				
Cardiff.....	do.....	199,189	57	6							1	1		
Do.....	Jan. 7		56	3							2	3	1	1
Do.....	Jan. 14	203,107	59	6							1	2		
Chemnitz.....	Jan. 7	286,455	112	9								4	1	
Chihuahua.....	Jan. 15	39,000	30	7								1		
Do.....	Jan. 22		29	5						1				
Christiana.....	Jan. 14	245,000	83	8									1	3
Do.....	Jan. 21		63	4								1	1	
Coburg.....	Jan. 7	23,794	13	3										
Cologne.....	Dec. 31	513,791	150	17					1		1	3	2	
Do.....	Jan. 7		179	16								4	1	1
Constantinople.....	Jan. 15	1,000,000	240	23		11			3		3	4	1	
Dresden.....	Dec. 31	546,882	169	15								3	8	
Do.....	Jan. 7		148	10							2	2	4	1
Edinburgh.....	Jan. 14	365,253	106	8					1		2	1		1
Erfurt.....	Jan. 7	111,498	30	3							1			1
Frankfort-on-the-Main.....	do.....	414,406	102											2
Gibraltar.....	Jan. 15	23,915	7	3							1			
Glasgow.....	Jan. 20	897,178	281							2	2	3	2	9
Gothenberg.....	Jan. 7	165,400	57	6								3		1
Hamburg.....	Jan. 21	932,000	248	18							4	8		4
Hull.....	Jan. 14	284,502	90										3	3
Do.....	Jan. 21		90									1	5	1
Iquique.....	Dec. 24	38,382		4						1				
Kingston.....	Jan. 7	48,504								3				
Do.....	Jan. 14									1				
Königsberg.....	Jan. 7	249,308	104	10						2				2
Kobe.....	Jan. 1	400,147	143					1				1		
Do.....	Jan. 7		193									2		
Kurrachee.....	Dec. 31	130,000	90	15						1			1	
Leipzig.....	Dec. 31	585,743	175	20							2	3	1	2
Do.....	Jan. 7		157	21							2	2		1
Leith.....	Jan. 14	87,826	29	3								1		3
Libau.....	Jan. 15	90,000					1			1		1	1	
Liege.....	Jan. 7	176,189	34	3							1			
London.....	Jan. 14	7,645,716	2,040							26	8	33	110	41
Do.....	Jan. 21		2,351							28	5	25	109	45
Lubeck.....	Jan. 7	98,700	31	1										
Madras.....	Dec. 24	550,000	395			1		5					2	
Do.....	Dec. 31		355										1	
Manaos.....	Jan. 14	52,000	42	1			6							
Mannheim.....	Dec. 24	193,500	30										1	1
Do.....	Dec. 31		38	3									1	1
Magdeburg.....	Dec. 31	279,644	94	6					1			1	5	

MORTALITY—Continued.

Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—									
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Typhoid fever.	Scarlet fever.	Diphtheria.	Measles.
Maracaibo.....	Nov. 11	50,000	14	3						2			
Do.....	Nov. 18		16							3			
Do.....	Nov. 25		11	1					1	1			
Do.....	Dec. 2		24	1						1			
Do.....	Dec. 16		22	3						4			
Do.....	Jan. 13		11	1						1			
Do.....	Jan. 20		17	2						2			
Monterey.....	Jan. 22	100,000	47	5						1		1	
Montreal.....	Jan. 28	450,000	162	8						1	1	2	3
Munich.....	Jan. 14	597,000	209	30								1	4
Nagasaki.....	Dec. 25	176,970	67	6		1						1	
Nagoya.....	Dec. 11	402,101	123									3	
Do.....	Dec. 18		137									1	
Do.....	Dec. 25		146							1			
Do.....	Jan. 1		118							1		2	
Naples.....	Jan. 15	593,729	9					4					
Newcastle-on-Tyne.....	Jan. 7	285,891	91							1		4	2
Odessa.....	Dec. 18	546,000	163	16						4	2	2	
Do.....	Jan. 7		153	28						1	5		1
Ottawa.....	Jan. 28	86,000	33	3						4		1	
Palermo.....	Jan. 14	340,000	202	9				5		1		2	
Para.....	do	185,000	73	10									
Do.....	Jan. 21		73	7			5						
Paris.....	Jan. 14	2,776,397	1,099	180							2	8	
Pireus.....	Jan. 7	74,580	30	6								2	
Prague.....	do	235,556	73	13								1	
Rotterdam.....	Jan. 14	426,882	126							1	1	1	
Do.....	Jan. 21		126							1		2	
St. Johns, N. F.....	do	31,000							1				
Rangoon.....	Dec. 24	252,155	165		1					1			
Santiago.....	Jan. 21	53,607	28	5						1		2	
Singapore.....	Dec. 17	271,060	184	17				3		2			
Do.....	Dec. 24		206	27						2			
Southampton.....	Jan. 21	129,667	29	2									
Stettin.....	Jan. 7	234,033	74	12								1	1
Swansea.....	Jan. 14	110,300	27									2	
Sydney.....	Jan. 28	16,000	10									1	
Vienna.....	Jan. 14	2,130,320	740	111						2	2	5	6
Do.....	Jan. 17	2,130,320	715	100						2	5	5	2
Turin.....	Jan. 7	991,988	191	29						1			
Do.....	Jan. 14		107	14						2			
Valencia.....	do	240,000	153	5						1		1	3
Vigo.....	Jan. 7	40,000	18	3						1			
Yokohama.....	Jan. 2	407,432								1		2	
Do.....	Jan. 9									1		3	

MORTALITY—FOREIGN AND INSULAR—COUNTRIES AND CITIES (untabulated).

AUSTRIA-HUNGARY—*Brunn*.—Month of November, 1910. Population, 94,500. Total number of deaths from all causes, 238, including diphtheria 8, scarlet fever 2, tuberculosis 53, typhoid fever 1.

DUTCH GUIANA—*Paramaribo*.—Month of December, 1910. Population, 36,496. Total number of deaths from all causes, 119. No contagious diseases reported.

FRANCE—*Marseille*.—Month of December, 1910. Population, 517,498. Total number of deaths from all causes, 850, including diphtheria 4, measles 5, tuberculosis 108, typhoid fever 31.

St. Etienne.—Two weeks ended December 31, 1910. Population, 136,836. Total number of deaths from all causes, 136, including diphtheria 2, scarlet fever 1, tuberculosis 20.

Toulon.—Month of December, 1910. Population, 103,549. Total number of deaths from all causes, 129, including diphtheria 2, tuberculosis 10, typhoid fever 3.

GREAT BRITAIN.—Week ended January 7, 1911.

England and Wales.—The deaths registered in 77 great towns correspond to an annual rate of 14.3 per 1,000 of the population, which is estimated at 17,160,256.

Scotland.—The deaths registered in 8 principal towns correspond to an annual rate of 14.3 per 1,000 of the population, which is estimated at 1,917,875. The lowest rate was recorded at Perth, viz, 9.7, and the highest at Leith, viz, 19. The total number of deaths from all causes was 526, including diphtheria 14, measles 2, scarlet fever 6, typhoid fever 2.

Week ended January 14, 1911.

England and Wales.—The deaths registered in 77 great towns correspond to an annual rate of 15.5 per 1,000 of the population, which is estimated at 17,160,256.

Scotland.—The deaths registered in 8 principal towns correspond to an annual rate of 16.6 per 1,000 of the population, which is estimated at 1,917,875. The lowest rate was recorded at Paisley, viz, 13.7, and the highest at Perth, viz, 27.7 per 1,000. The total number of deaths from all causes was 611, including diphtheria 9, measles 3, scarlet fever 5, typhoid fever 3.

MAURITIUS.—Month of October, 1910. Population, 373,071. Total number of deaths from all causes, 1,046, including diphtheria 2, plague 92, tuberculosis 53, typhoid fever 1.

SPAIN—*Cadiz*.—Month of December, 1910. Population, 69,382. Total number of deaths from all causes, 143, including diphtheria 1, tuberculosis 26, typhoid fever 2.

By authority of the Secretary of the Treasury:

WALTER WYMAN,

Surgeon General,

United States Public Health and Marine-Hospital Service.